

REMARKS

I. Status of the Claims

Claims 1-33 are pending in the application. Claims 32 and 33 stand withdrawn and are hereby canceled. Claims 1-31 have been examined as stand rejected under 35 U.S.C. §112, first paragraph and 35 U.S.C. §112, second paragraph. The specific grounds for rejection, and applicants' response thereto, are set out in detail below.

II. Maintained Rejection Under 35 U.S.C. §112, Second Paragraph

Claims 1-31 remain rejected under the second paragraph of §112. The examiner continues to argue that parts (i)-(iii) of claim 1 may be read as inclusive of each other. Applicants disagree with this interpretation, but a clarifying amendment is offered. Reconsideration and withdrawal of the rejection is therefore respectfully requested.

III. New Rejection Under 35 U.S.C. §112, First Paragraph

Claims 1-31 stand rejected under §112, first paragraph, as lacking an enabling disclosure. The examiner argues that the specification, while enabling for "a method of screening agents that are cytotoxic to *Dictyostelium discoideum*, does not reasonably provide enablement for a method of screening agents that are chemopreventative or chemotherapeutic for cancer." Again, applicants traverse and submit that the claims are fully enabled, based on the reasoning advanced in the previous response.

However, in the interest of advancing the prosecution, the claims have been amended to recite an assay that merely classifies test agents based on their effects on *Dictyostelium discoideum*. Applicants believe, in light of the examiner's comments on enablement, that this

claim should be considered fully enabled by the examiner. Applicants respectfully request reconsideration and withdrawal of the rejection.

IV. New Rejection Under 35 U.S.C. §112, Second Paragraph

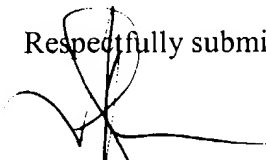
Claims 1-31 stand rejected under §112, second paragraph, as indefinite. It is argued that the term "potential chemotherapeutic" is indefinite. Applicants traverse, but in the interest of advancing the prosecution, the claims have been amended to remove this language. Applicants respectfully request reconsideration and withdrawal of the rejection.

V. Conclusion

Applicants respectfully submit that all claim are in condition for allowance, and an early notification to that effect is earnestly solicited. The examiner is invited to contact the undersigned at the telephone number listed below with any questions, comments or suggestions relating to the referenced patent application.

Please date stamp and return the enclosed postcard as evidence of receipt.

Respectfully submitted,



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